

## ABSTRACT OF THE DISCLOSURE

5       An anti-rotation guide for preventing rotation of a roller follower valve lifter in an  
internal combustion engine. The guide has an outer surface for engaging an engine  
bore and an inner surface for slidably receiving the lifter. One end of the guide includes  
an anti-rotation feature for cooperating with a mating feature on the lifter, preferably flats  
although other configurations are contemplated within the scope of the invention. The  
anti-rotation feature may take any of a plurality of shapes, including but not limited to an  
10   arm and tang, a flap, and an orifice flat. The guide is installed from an opening in the  
engine bore proximate a camshaft disposed in the engine block. The cooperating  
features prevent axial rotation of a lifter within the sleeve but do not inhibit axial or  
reciprocal motion of the lifter.